	E	xploring the Ex				
		2006 Mathema				
Grade Level and Grade Span Expectations						
New Hampshire Mat	hematics					
Grades K-2						
Activity/Lesson	State	Standards				
			Demonstrate mathematical communication			
		MA.K-	through discussion, reading, writing,			
Finding the Center of		2.M(CCR)-2-	listening, and responding, individually and in			
Gravity Using Rulers		1.a	groups.			
Finding the Center of		MA.K-				
Gravity Using Plumb		2.M(CCR)-2-	Explain conclusions, thought processes, and			
Lines	NH	1.c	strategies in problem-solving situations.			
			Solve problems using a variety of strategies			
			(e.g., working backwards, looking for			
			patterns and relationships; guess and check;			
Changing the Center		MA.K-	making tables, charts, or organized lists;			
of Gravity Using		2.M(PRP)-2-	solving a simpler version of a problem,			
Moment Arms	NH	1.b	drawing a diagram; or creating a model)			
Changing the Center		MA.K-				
of Gravity Using		2.M(PRP)-2-	Solve problems using manipulatives, graphs,			
Moment Arms	NH	1.e	charts, diagrams, and calculators.			
	E	xploring the Exploring the Exp				
		2006 Mathema				
		el and Grade Sp	oan Expectations			
New Hampshire Mat	hematics					
Grades 3-5						
Activity/Lesson	State	Standards				
F' - 1' (b - O ( (		MA.3-	Biggs and the state of the stat			
Finding the Center of	I	5.M(CCR)-5-	Discuss mathematical ideas and write			
Gravity Using Rulers	NH	1.a	convincing arguments.			
			Demonstrate an understanding of			
			mathematical concepts and relationships			
		MA.3-	through a variety of methods (e.g., writing,			
Finding the Center of	I	5.M(CCR)-5-	graphing, charts, diagrams, number			
Gravity Using Rulers	NH	1.e	sentences, or symbols).			
			Demonstrate an understanding of			
			mathematical concepts and relationships			
Finding the Center of		MA.3-	through a variety of methods (e.g., writing,			
Gravity Using Plumb		5.M(CCR)-5-	graphing, charts, diagrams, number			
Lines	NH	1.e	sentences, or symbols).			
			Demonstrate an understanding of			
			mathematical concepts and relationships			
Changing the Center		MA.3-	through a variety of methods (e.g., writing,			
of Gravity Using		5.M(CCR)-5-	graphing, charts, diagrams, number			
Moment Arms	NH	1.e	sentences, or symbols).			
Changing the Center		MA.3-	Use appropriate representations to solve			
of Gravity Using		5.M(CCR)-5-	problems or to portray, clarify, or extend a			
Moment Arms	NH	2.b	mathematical idea.			

Vectoring	NH	1.d	information, and problem situations.
		8.M(CCR)-8-	definitions, and generalizations about data,
		MA.6-	Formulate questions, conjectures,
Vectoring	NH	1.b	others to solve problems.
		8.M(CCR)-8-	with others and build upon the ideas of
-		MA.6-	Present, share, explain, and justify thinking
Vectoring	NH	1.a ` ´	written and oral form.
		8.M(CCR)-8-	Articulate ideas clearly and logically in both
		MA.6-	,
Jet Propulsion	NH	1.d	information, and problem situations.
		8.M(CCR)-8-	definitions, and generalizations about data,
221110001011		MA.6-	Formulate questions, conjectures,
Jet Propulsion	NH	1.b	others to solve problems.
		8.M(CCR)-8-	with others and build upon the ideas of
Jet i Topulsion	1 41 1	MA.6-	Present, share, explain, and justify thinking
Jet Propulsion	NH	1.a	written and oral form.
		8.M(CCR)-8-	Articulate ideas clearly and logically in both
Activity/Lesson	State	MA.6-	
	State	Standards	
New Hampshire M Grades 6-8	iatnematics		
Name Hans		Level and Grade Sp	oan Expectations
		2006 Mathem	
		Exploring the E	
Vectoring	NH	5.M(CCR)-5-1	.t ideas.
		MA.3-	represent and communicate mathematical
-			computers, calculators, video, probes) to
			Use a variety of technologies (e.g.,
Vectoring	NH	1.e	sentences, or symbols).
		5.M(CCR)-5-	graphing, charts, diagrams, number
		MA.3-	through a variety of methods (e.g., writing,
			mathematical concepts and relationships
			Demonstrate an understanding of
Jet Propulsion	NH	1.e ` ´	sentences, or symbols).
		5.M(CCR)-5-	graphing, charts, diagrams, number
		MA.3-	through a variety of methods (e.g., writing,
			Demonstrate an understanding of mathematical concepts and relationships